

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian Fletcher on 2/26/2007.

The application has been amended as follows: A brief description of the figures to be inserted between lines <sup>20 21</sup> 23 and 24 of page 7 of SPEC (11/23/2003):

### BRIEF DESCRIPTION OF THE FIGURES

FIG. 1A shows an example laser system of the present invention.

FIG. 1B shows the detailed liquid crystal tunable filter used in FIG. 1A.

FIG. 2 shows an example waveguide grating optical filter of the present invention.

FIG. 3 shows an example tunable filter passband output profile as a function of index of refraction.

FIG. 4A shows an example wavelocker flow cycle of the present invention.

FIG. 4B shows an example waveform reflected passband and transmitted complement of the present invention.

FIG. 5 shows one process flow for fabricating the tunable filter of the present invention.

FIGS. 6A and 6B show four pixel indium tin oxide (ITO) electrode forming masks of the present invention.

FIGS. 7A and 7B show example integrated active thermal element forming masks of the present invention.

FIGS. 8A and 8B show example spacer element forming masks of the present invention

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